

Applicant : Andrew Ingle
Serial No. : 10/666,443
Filed : September 19, 2003
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Attorney's Docket No.: 12406-154001 / P2003.0943 US
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REMARKS

In reply to the Office Action of November 14, 2005, Applicant submits the following remarks. Claims 1-2, 4-6, 8, 10-11, 13, 19, 21, 26, 30, 32 and 36 have been amended. Support for the amendment to claim 1 can be found at least on page 6, lines 13-19. Support for the amendment to claim 21 can be found at least on page 8, lines 6-10. Claims 37-42 have been added. Claims 1-24 and 26-42 are now pending after entry of this amendment. Claims 10-20 and 30-34 are withdrawn. Applicant respectfully requests reconsideration in view of the foregoing amendments and these remarks.

Claim Rejections

All of the pending claims have been rejected as anticipated or obvious in light of McCormick (U.S. 2003/0143423). The applicant respectfully disagrees in light of the amendments to the claims.

Amended claim 1 is directed to an encapsulated organic electronic device. The device has an organic electronic device on the substrate and multiple epoxy seals on the substrate and surrounding a perimeter of the organic electronic device. An encapsulation lid is on the multiple epoxy seals. The multiple epoxy seals include a desiccant.

McCormick describes an organic electronic device ("OED") that is sealed with an adsorbent loaded transfer adhesive, that is, desiccant or getter material dispersed in an adhesive matrix (paragraphs 0029, 0033). A device 10 has a desiccant-loaded transfer adhesive 22 forming a gasket around the OED structure on a substrate 12 (FIG. 1, paragraph 0027). An encapsulation lid 24 is on the transfer adhesive 22. A high barrier adhesive 26 encompasses the transfer adhesive 22. The high barrier adhesive is an adhesive that has low permeability to oxygen and/or water vapor without being loaded with any desiccant or getter (paragraph 0011).

While McCormick describes an encapsulated organic electronic device that is sealed with an adsorbent loaded transfer adhesive, McCormick fails to suggest or disclose multiple epoxy seals that include a desiccant. Rather, McCormick teaches that when more than one adhesive components are between the substrate 12 and an encapsulation lid 24, one adhesive 22 is loaded

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with desiccant and the other adhesive 26 has low permeability to oxygen and water without being loaded with desiccant. For at least this reason, applicant submits that claims 1 as amended is not anticipated by McCormick. Claims 2-9 and 36 depend from claim 1 and are similarly not anticipated by McCormick. Further, in light of the amendment to claim 1, no *prima facie* case of obviousness has been made with respect to claims 1-9 or 36.

Amended claim 21 is directed to an encapsulated organic electronic device with an organic electronic device on a substrate. A desiccant ring is on the substrate and surrounds a perimeter of said organic electronic device. The desiccant ring consists of a reactive metal or a reactive oxide.

McCormick describes an adsorbent loaded transfer adhesive, but fails to suggest or disclose a desiccant ring that consists of a reactive metal. Rather, McCormick's adhesive has both desiccant and adhesive material and thus does not consist of reactive metal alone. For at least this reason, applicant submits that claim 21 is not anticipated by McCormick. Claims 22-24 and 26-29 depend from claim 21 and are similarly not anticipated. Further, in light of the amendment to claim 21, no *prima facie* case of obviousness has been made with respect to claims 21-29.

Applicant respectfully requests withdrawal of the rejections.

Withdrawn Claims

Upon allowance of the elected device claims, the applicant respectfully requests that the withdrawn method claims be rejoined, per MPEP § 821.04(b). Applicant submits that withdrawn method claim 10 has been amended to include all of the limitations of amended claim 1 and withdrawn method claim 30 has been amended to include all of the limitations of amended claim 21.


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Please apply the one-month extension of time fee in the amount of \$120.00, excess claim fees in the amount of \$300.00 and any other required charges or credits to deposit account 06-1050.

Respectfully submitted,

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